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## List of the Lepidoptera species of Dağlıca (Hakkari Province, SE Turkey)

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**Abstract:** List of the Lepidoptera species of Dağlıca (Hakkari Province, SE Turkey). *Cesa News* 159: 1-21, 22 figs. 1 map.

In this paper, *Lepidoptera* collected from Hakkari Province, vicinity of Dağlıca, is evaluated faunistically. Totally 390 species of 35 families are listed. Faunistically 87 taxa at species level are new to Hakkari Province. Male genitalia of 11 species, abdominal skins of 5 species, and tympanal organs of 2 species are illustrated.

**Key words:** *Lepidoptera*, fauna, Dağlıca, Yüksekova, Hakkari, Turkey.

In Turkey, Dağlıca (Map 1) is perhaps the most interesting and very difficult place to study the insect fauna during by day and by night. It is located in the Hakkari Province, surrounded by steep mountains, 28km SW of Yüksekova city, and 7km north of Iraqi border (Kemal, Koçak & Uçak, 2017a: Figs. 1-3). The third author visited this locality alone from April to October in 2017 periodically, and evaluated every opportunity for observing and collecting the *Lepidoptera* around Dağlıca village. As a result of this, 189 species have been listed from Dağlıca (*op. cit.*). Whereas, the present list comprises 390 species. After evaluations of the records faunistically, 87 moth species are new for Hakkari Province (Koçak & Kemal, 2015). Thus, the total number of the *Lepidoptera* species in this province raise to 960 (214 butterflies, 746 moths).

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All the specimens have been identified by the first authors, and the material are currently preserved in the Cesa Collection and Insect Research Collection of the Van Yüzüncü Yıl University.

### List of the Lepidoptera of Dağlıca

The species, previously recorded (Kemal, Koçak & Uçak, 2017a), are marked with “\*”.

#### Butterflies

Totally 92 species of 7 families are listed here in alphabetical order.

#### *Argynnididae*

1. *Aglais urticae* (Linnaeus, 1758)\*
2. *Argynnis (Fabriciana) niobe* (Linnaeus, 1758)\*
3. *Argynnis (Pandoriana) pandora* ([Denis & Schiffermüller], 1775)
4. *Argynnis (s.str.) paphia* (Linnaeus, 1758)
5. *Brenthis mofidii* Wyatt, 1968
6. *Euapatura mirza* Ebert, 1971
7. *Issoria lathonia* (Linnaeus, 1758)\*
8. *Limenitis (Azuritis) reducta* Staudinger, 1901
9. *Melitaea (Cinclidia) phoebe* (Goeze, 1779)
10. *Melitaea (Didymaeformis) syriaca* Rebel, 1905
11. *Melitaea (s.str.) arduinna* (Fabricius, 1787)\*
12. *Melitaea (s.str.) cinxia* (Linnaeus, 1758)\*
13. *Nymphalis* sp.\*
14. *Polygonia (Comma) c-album* (Linnaeus, 1758)\*
15. *Polygonia (Comma) egea* (Cramer, [1775])
16. *Thaleropsis ionia* (Eversmann, 1851)
17. *Vanessa (Cynthia) cardui* (Linnaeus, 1758)\*
18. *Vanessa (s.str.) atalanta* (Linnaeus, 1758)

#### *Hesperiidae*

19. *Carcharodus (Lavatheria) lavatherae* (Esper, [1783])
20. *Carcharodus (Reverdinus) flocciferus* (Zeller, 1847)\*
21. *Carcharodus (s.str.) alceae* (Esper, [1780])\*
22. *Erynnis (Hesperopegasus) marloyi* (Boisduval, [1834])\*
23. *Erynnis (s.str.) tages* (Linnaeus, 1758)\*
24. *Hesperia comma* (Linnaeus, 1758)
25. *Muschampia tersa* Evans, 1949\*
26. *Pyrgus armoricanus* (Oberthür, 1910)\* (Fig.1)  
GP2740♂.
27. *Pyrgus sidae* (Esper, [1784])\*
28. *Spialia (Neospialia) orbifer* (Hübner, [1823])\*
29. *Thymelicus lineolus* (Ochsenheimer, 1808)
30. *Thymelicus novus* (Reverdin, 1916)
31. *Thymelicus sylvestris* (Poda, 1761)

**Libytheidae**

32. *Libythea* (s.str.) *celtis* (Laicharting, 1782)\*

**Lycaenidae**

33. *Callophrys danchenkoi* Zhdanko, 1998\*  
 34. *Callophrys mystaphia* Miller, [1913]\*  
 35. *Celastrina argiolus* (Linnaeus, 1758)\*  
 36. *Cigaritis acamas* (Klug, 1834)  
 37. *Cigaritis uighurica* Kemal & Koçak, 2005  
 38. *Cupido* (s.str.) *osiris* (Meigen, [1829])\*  
 39. *Glaucopsyche* (s.str.) *alexis* (Poda, 1761)\*  
 40. *Lycaena* (*Alciphronia*) *alciphron* (Rottemburg, 1775)  
 41. *Lycaena* (*Loweia*) *tityrus* (Poda, 1761)\*  
 42. *Lycaena* (*Thersamonia*) *asabinus* (Gerhard, [1850])\*  
 43. *Lycaena* (*Thersamonia*) *kurdistanica* (Riley, 1921)\*  
 44. *Lycaena* (*Thersamonia*) *thetis* (Klug, 1834)  
 45. *Lycaena* (s.str.) *phlaeas* (Linnaeus, 1761)\*  
 46. *Plebejus* (*Kretania*) *carmon* (Gerhard, [1851])  
 47. *Plebejus* (*Plebejides*) *zephyrinus* (Christoph, 1884)\*  
 48. *Polyommatus* (*Albulina* (*Plebejidea*)) *loewii* (Zeller, 1847)  
 49. *Polyommatus* (*Aricia* (s.str.)) *agestis* ([Denis & Schiffermüller], 1775)\*  
 50. *Polyommatus* (s.str. (*Agrodiaetus* (*Antidolus*))) *antidolus* (Rebel, 1901)  
 51. *Polyommatus* (s.str. (*Cyaniris*)) *antiochenus* (Lederer, 1861)\*  
 52. *Polyommatus* (s.str. (*Cyaniris*)) *bellis* (Freyer, [1842])  
 53. *Polyommatus* (s.str. (*Lysandra*)) *bellargus* (Rottemburg, 1775)\*  
 54. *Polyommatus* (s.str. (*Meleageria*)) *daphnis* ([Denis & Schiffermüller], 1775)  
 55. *Polyommatus* (s.str. (*Neolysandra*)) *fatima* Eckweiler & Schurian, 1980\*  
 56. *Polyommatus* (s.str.) *icarus* (Rottemburg, 1775)\*  
 57. *Pseudophilotes vicrama* (Moore, 1865)  
 58. *Quercusia quercus* (Linnaeus, 1758)  
 59. *Rubrapterus bavius* (Eversmann, 1832)  
 60. *Satyrium* (*Nordmannia*) *abdominalis* (Gerhard, [1850])  
 61. *Satyrium* (*Nordmannia*) *armenum* (Rebel, 1901)  
 62. *Satyrium* (*Strymonidia*) *spini* (Fabricius, 1787)  
 63. *Tomares callimachus* (Eversmann, 1848)\*  
 64. *Tomares romanovi* (Christoph, 1882)\*  
 65. *Turanana endymion* (Freyer, [1850])

**Papilionidae**

66. *Iphiclides podalirius* (Linnaeus, 1758)  
 67. *Papilio* (s.str.) *machaon* Linnaeus, 1758  
 68. *Parnassius* (*Driopa*) *mnemosyne* (Linnaeus, 1758)  
 69. *Zerynthia* (*Allancastria*) *deyrollei* (Oberthür, 1869)\*

**Pieridae**

70. *Anthocharis cardamines* (Linnaeus, 1758)\*  
 71. *Anthocharis grueneri* Herrich-Schäffer, [1851]\*  
 72. *Aporia* (s.str.) *crataegi* (Linnaeus, 1758)\*  
 73. *Colias* (*Eriocolias*) *crocea* (Fourcroy, 1785)\*  
 74. *Gonepteryx* (s.str.) *rhamni* (Linnaeus, 1758)\*

- 75. *Leptidea duponcheli* (Staudinger, 1871)\*
- 76. *Pieris (Artogeia) bryoniae* (Hübner, [1804])\*
- 77. *Pieris (Artogeia) ergane* (Geyer, [1828])\*
- 78. *Pieris (Artogeia) krueperi* Staudinger, 1860
- 79. *Pieris (Artogeia) persis* Verity, 1922
- 80. *Pieris (Artogeia) pseudorapae* Verity, 1908\*
- 81. *Pieris (s.str.) brassicae* (Linnaeus, 1758)\*
- 82. *Pontia edusa* (Fabricius, 1777)\*

### **Satyridae**

- 83. *Chazara (s.str.) briseis* (Linnaeus, 1764)
- 84. *Coenonympha (s.str.) pamphilus* (Linnaeus, 1758)\*
- 85. *Hipparchia (s.str.) syriaca* (Staudinger, 1871)
- 86. *Hyponephele (s.str. (Turaninephele)) wagneri* (Herrich-Schäffer, [1846])
- 87. *Hyponephele (s.str.) lupina* (Costa, [1836])
- 88. *Hyponephele (s.str.) lycaonoides* Weiss, 1978
- 89. *Lasiommata megera* (Linnaeus, 1767)
- 90. *Maniola (Telmessiola) telmessia* (Zeller, 1847)
- 91. *Melanargia (Turcargia) grumi* Standfuss, 1892
- 92. *Pseudochazara (s.str.) pelopea* (Klug, 1832)

### **Moths**

Totally 298 species of 28 families are listed here in alphabetical order. Among them 87 species are reported here as new for Hakkari Province.

### **Arctiidae**

- 93. *Andala semiramis* (Staudinger, 1892)
- 94. *Arctia (Epicallia) marchandi* De Freina, 1983\*
- 95. *Euplagia splendidior* (Tams, 1922)
- 96. *Paidia (s.str.) rica* (Freyer, [1855])
- 97. *Phragmatobia placida* (Frivaldsky, 1835)\*

### **Coleophoridae**

- 98. *Coleophora* sp.\*

### **Cosmopterigidae**

- 99. *Eteobalea dohrnii* (Zeller, 1847)  
New for Hakkari Province.

### **Cossidae**

- 100. *Cossulus argentatus* (Staudinger, 1887)
- 101. *Cossus cossus* (Linnaeus, 1758)
- 102. *Isoceras bipunctatum* (Staudinger, 1887)

### **Ctenuchidae**

- 103. *Amata hakkariana* (De Freina, 1982)

**Drepanidae**

104. *Cilix asiatica* A. Bang-Haas, 1907\*  
 105. *Watsonalla binaria* (Hufnagel, 1767)\*

**Ethmiidae**

106. *Ethmia candidella* (Alpheraky, 1908)  
 107. *Ethmia ?caradjae* (Rebel, 1906)\*  
 108. *Ethmia hakkarica* Koçak, 1986\*  
 109. *Ethmia similis* Sattler, 1967\*

**Gelechiidae**

110. *Altenia anamuria* Kemal & Koçak, 2018\*  
 The female genitalia of this species was illustrated from Dağlıca (Kemal, Koçak & Uçak, 2017a: fig. 23). New for Hakkari Province.
111. *Gelechia* sp.?n.\*  
 This taxon will be separately studied.
112. *Harpagidia magnetella* (Staudinger, [1871]) (Figs. 2,3)  
 GP2770♂.
113. *Metzneria aprilella* (Herrich-Schäffer, [1854])\*  
 114. *Neofaculta confidella* (Rebel, 1935) (Figs. 4,5)  
 GP2710♂. New for Hakkari Province.
115. *Pexicopia malvella* (Hübner, [1805]) (Figs. 6,7)  
 GP2729♂. New for Hakkari Province.
116. *Recurvaria leucatella* (Linnaeus, 1761)  
 New for Hakkari Province.
117. *Syncopacma polychromella* (Rebel, 1902)  
 New for Hakkari Province.

**Geometridae**

The *Ennominae* species will be separately studied; therefore they have been excluded from the list, with the exception of *Bellachima* and *Wehrliola*. The species of the last genera have been recently published (Kemal et al., 2018; Kemal & Uçak, 2018).

118. *Aplasta ononaria* (Fuessly, 1783)  
 New for Hakkari Province.
119. *Aplocera obsitaria* (Lederer, 1853)\*  
 120. *Aplocera plagiata* (Linnaeus, 1758)\*  
 121. *Bellachima diaphanaria* (Püngeler, 1904)  
 (Kemal et al., 2018).
122. *Campptogramma bilineatum* (Linnaeus, 1758)\*  
 123. *Catarhoe permixtaria* (Guenée, [1858])

124. *Chesistege korbi* (Bohatsch, 1910)  
New for Hakkari Province.
125. *Chloroclysta miata* (Linnaeus, 1758)\*
126. *Docirava musculata* (Staudinger, 1892)\*
127. *Eupithecia breviculata* (Donzel, 1837)\*
128. *Eupithecia gratiosata* Herrich-Schäffer, 1861  
New for Hakkari Province.
129. *Eupithecia gueneata* Millière, 1862
130. *Eupithecia spissilineata* (Metzner, 1846)\*
131. *Eupithecia venosata* (Fabricius, 1787)\*
132. *Glossotrophia (Libanonia) sacraria* (A. Bang-Haas, 1910)  
New for Hakkari Province.
133. *Holoterpna pruinosa* (Staudinger, 1898)  
New for Hakkari Province.
134. *Idaea degeneraria* (Hübner, [1799])\*
135. *Idaea filicata* (Hübner, [1799])\*
136. *Idaea proclivata* (Fuchs, 1902)  
New for Hakkari Province.
137. *Idaea subsericeata* (Haworth, [1809]) (Fig. 8)  
GP2711♂.
138. *Idaea trigeminata* (Haworth, [1809])  
New for Hakkari Province.
139. *Larentia clavaria* Haworth, [1809]  
New for Hakkari Province.
140. *Orthonama obstipata* (Fabricius, 1794)  
New for Hakkari Province.
141. *Oulobophora externaria* (Herrich-Schäffer, [1848])\*
142. *Protorhoe unicata* (Guenée, [1858])\*
143. *Rhodostrophia (Pydna) bahara* Brandt, 1938\*
144. *Rhodostrophia (s.str.) discopunctata* Amsel, 1935\*
145. *Scopula immistaria* (Herrich-Schäffer, [1852])
146. *Scopula marginepunctata* (Goeze, 1781)\*
147. *Scopula ornata* (Scopoli, 1763)\*
148. *Scopula submutata* (Treitschke, 1828)  
New for Hakkari Province.
149. *Thalera fimbrialis* (Scopoli, 1763)
150. *Thetidia persica* Hausmann, 1996
151. *Wehrliola inexpectata* Kemal & Uçak, 2018  
(Kemal & Uçak, 2018).

### **Gracillariidae**

152. *Caloptilia alchimiella* (Scopoli, 1763)\*

**Lasiocampidae**

153. *Lasiocampa eversmanni* (Kindermann, 1843)\*  
 154. *Lasiocampa grandis* (Rogenhofer, 1891)  
 New for Hakkari Province.  
 155. *Pachypasa otus* (Drury, [1773])  
 New for Hakkari Province.  
 156. *Phyllodesma* (s.str.) *tremulifolium* (Hübner, [1810])\*

**Lemoniidae**

157. *Lemonia pia* Püngeler, 1902

**Lymantriidae**

158. *Euproctis melania* (Staudinger, 1892)  
 159. *Leucoma wiltshirei* Collenette, 1938  
 New for Hakkari Province.  
 160. *Lymantria dispar* (Linnaeus, 1758)  
 161. *Ocnerogetia amanda* Staudinger, [1892]  
 162. *Parocneria terebynthina* (Staudinger, [1895])

**Noctuidae**

163. *Abrostola clarissa* (Staudinger, 1900)  
 164. *Acontia* (*Emmelia*) *trabealis* (Scopoli, 1763)\*  
 165. *Acontia* (*Uracontia*) *titania* (Esper, [1798])  
 166. *Acronicta* (*Triaena*) *aceris* (Linnaeus, 1758) (Figs. 9, 10)  
 GP2706♂.  
 167. *Acronicta* (*Viminia*) *rumicis* (Linnaeus, 1758)  
 168. *Aedia funesta* (Esper, [1786])\*  
 169. *Agrochola* (*Frivaldskyola*) *elami* Benedek & L. Ronkay, 2001  
 This species has been recently evaluated faunistically (Kemal, Koçak & Uçak, 2017b).  
 170. *Agrochola* (*Rufachola*) *helvola* (Linnaeus, 1758)  
 New for Hakkari Province.  
 171. *Agrotis* (*Crassagrotis*) *obesa* (Boisduval, 1829)  
 172. *Agrotis* (s.str.) *ipsilon* (Hufnagel, 1766)\*  
 173. *Agrotis* (s.str.) *segetum* ([Denis & Schiffermüller], 1775)\*  
 174. *Amphipyra* (s.str.) *livida* ([Denis & Schiffermüller], 1775)  
 175. *Amphipyra* (s.str.) *stix* Herrich-Schäffer, [1850]  
 176. *Amphipyra* (s.str.) *tragopoginis* (Clerck, 1759)  
 177. *Anthracia eriopoda* (Herrich-Schäffer, [1851])  
 New for Hakkari Province.  
 178. *Apamea* (s.str.) *monoglyphia* (Hufnagel, 1766)  
 179. *Apamea* (s.str.) *sicula* (Turati, 1909)  
 New for Hakkari Province.



- 180.** *Atethmia centrargo* (Haworth,[1809])  
New for Hakkari Province.
- 181.** *Autographa gamma* (Linnaeus,1758)\*
- 182.** *Autophila* sp.1\*
- 183.** *Autophila* sp.2\*
- 184.** *Bryomima defreina* Hacker,[1987]\*
- 185.** *Bryophilopsis roederi* (Standfuss,1892)\*
- 186.** *Caradrina* sp.\*
- 187.** *Callopietria latreillei* (Duponchel,1827)  
New for Hakkari Province.
- 188.** *Calymma communimacula* ([Denis & Schiffermüller],1775)
- 189.** *Caradrina (Paradrina) boursini* (F.Wagner,1936)
- 190.** *Catephia alchymista* ([Denis & Schiffermüller],1775)\*
- 191.** *Catocala (Ephesia) brandti* Hacker & Kautt,1999\*
- 192.** *Catocala (Ephesia) nymphaea* (Esper,[1787])  
New for Hakkari Province.
- 193.** *Catocala (s.str.) abacta* Staudinger,1900
- 194.** *Catocala (s.str.) elocata* (Esper,[1787])  
New for Hakkari Province.
- 195.** *Catocala (s.str.) lesbia* Christoph,1887
- 196.** *Catocala (s.str.) nupta* (Linnaeus,1767)  
New for Hakkari Province.
- 197.** *Chersotis (s.str.) fimbriola* (Esper,[1798])
- 198.** *Chloantha hypericii* (Fabricius,1787)\*
- 199.** *Cleonymia (Serryvania) opposita* (Lederer,1870)\*
- 200.** *Colobochyla (Caspicastra) platyzona* (Lederer,1870)
- 201.** *Cornutiplusia circumflexa* (Linnaeus,1767)\*
- 202.** *Cryphia (Bryoleuca) raptricula* ([Denis & Schiffermüller],1775)
- 203.** *Cryphia (Bryophila) maeonis* (Lederer,1865)
- 204.** *Cryphia (Bryopsis) amasina* (Draudt,1931)  
New for Hakkari Province.
- 205.** *Cucullia* sp.\*
- 206.** *Dasypolia (s.str.) transcaucasica* L.Ronkay & Varga,1985\*
- 207.** *Diachrysia chrysis* (Linnaeus,1758)
- 208.** *Dichagyris (Yigoga) nigrescens* (Hofner,1888)
- 209.** *Dichagyris (Yigoga) truculenta* (Lederer,1853)
- 210.** *Dichagyris (s.str.) amoena* (Staudinger,1892)  
New for Hakkari Province.
- 211.** *Dichagyris (s.str.) anastasia* (Draudt,1936)
- 212.** *Dichagyris (s.str.) erubescens* (Staudinger,1892)\*
- 213.** *Dichagyris (s.str.) fredii* (Brandt,1938)
- 214.** *Dichagyris (s.str.) singularis* (Staudinger,1877)  
New for Hakkari Province.
- 215.** *Dicycla oo* (Linnaeus,1758)
- 216.** *Drasteria cailino* (Lefèbvre,1827)\*
- 217.** *Drasteria saisani* (Staudinger,1882)\*
- 218.** *Dysgonia algira* (Linnaeus,1767)\*
- 219.** *Egira anatolica* (M.Hering,1933)\*
- 220.** *Egira fatima* Hreblay,1994\*



221. *Eicomorpha kurdestanica* De Freina & Hacker, 1985\*
222. *Episema korsakovi* (Christoph, 1885)
223. *Eublemma (candidana-gr.) aureolum* Fibiger & Hacker, 2002
224. *Eublemma (candidana-gr.) minutatum* (Fabricius, 1794)
225. *Eublemma (ostrina-gr.) ostrinum* (Hübner, [1808])\*
226. *Eublemma (parva-gr.) parvum* (Hübner, [1808])\*
227. *Eublemma (rosina-gr.) panonicum* (Freyer, 1840)  
New for Hakkari Province.
228. *Eublemma (rosina-gr.) parallelum* (Freyer, 1842)
229. *Euchalcia annemaria* De Freina & Hacker, 1985  
Observed by day only one specimen.
230. *Euchalcia dorsiflava* (Standfuss, 1892)
231. *Eugnorisma (Metagnorisma) enargiaris* (Draudt, 1936)  
New for Hakkari Province.
232. *Eugnorisma (s.str.) insignata* (Lederer, 1853)
233. *Eugnorisma (s.str.) kurdistanica* Hacker, Kuhna & Gross, [1987]
234. *Eulocastra diaphora* (Staudinger, 1879)
235. *Eupsilia transversa* (Hufnagel, 1766)\*
236. *Eutelia adoratrix* (Staudinger, 1892)
237. *Eutelia adulatorix* (Hübner, [1813])
238. *Euxoa (s.str.) homicida* (Staudinger, 1900)
239. *Euxoa (s.str.) scurrilis* Draudt, 1937
240. *Euxoa (s.str.) sulcifera* (Christoph, 1893)
241. *Exophyla rectangularis* (Geyer, [1828])\*
242. *Gortyna (Cervyna) cervago* Eversmann, 1844
243. *Gortyna (s.str.) hethitica* Hacker, Kuhna & Gross, [1987]
244. *Hadena (Enterpia) roseocandida* (Hacker, 1996)
245. *Hadena (s.str.) compta* ([Denis & Schiffermüller], 1775)
246. *Hadena (s.str.) magnolii* (Boisduval, 1828)\*
247. *Hadula (Caloestra) mendax* (Staudinger, 1879)
248. *Hecatera bicolorata* (Hufnagel, 1766)
249. *Hecatera spinaciae* (Vieweg, 1790)\*
250. *Helicoverpa armigera* (Hübner, [1808])\*
251. *Heliothis peltigera* ([Denis & Schiffermüller], 1775)\*
252. *Hoplodrina ambigua* ([Denis & Schiffermüller], 1775)\*
253. *Idia calvaria* ([Denis & Schiffermüller], 1775)
254. *Jodia croceago* (Fabricius, 1787)\*
255. *Leucania loreyi* (Duponchel, 1827)\*
256. *Lithophane ornitopus* (Hufnagel, 1766)\*
257. *Lygephila (s.str.) craccae* (Fabricius, 1787)
258. *Megalodes eximia* (Freyer, 1845)\*
259. *Mesogona acetosellae* (Goeze, 1781)  
New for Hakkari Province.
260. *Metopodicha ernesti* Draudt, 1936
261. *Minucia bimaculata* Osthelder, 1933\*
262. *Mythimna (Aletia) l-album* (Linnaeus, 1767)\*
263. *Mythimna (Aletia) vitellina* (Hübner, [1808])\*
264. *Mythimna (Hyphilaria) ferrago* (Fabricius, 1787)  
New for Hakkari Province.
265. *Noctua (Euschesis) janthina* ([Denis & Schiffermüller], 1775)
266. *Noctua (Latanoctua) orbona* (Hufnagel, 1766)\*
267. *Noctua (Paranoctua) comes* (Hübner, [1813])

- 268.** *Olivenebula subsericata* (Herrich-Schäffer, 1861)  
New for Hakkari Province.
- 269.** *Ophiusa lunaris* (Goeze, 1781)\*
- 270.** *Ophiusa tirhaca* (Cramer, [1777])\*
- 271.** *Orthosia (Dioszeghyana) schmidtii* (Diószeghy, 1935)\*
- 272.** *Orthosia (s.str.) incerta* (Hufnagel, 1766)\*
- 273.** *Orthosia rubricosa* (Esper, [1786])\*
- 274.** *Oxytripia stephania* Sutton, [1964]  
New for Hakkari Province.
- 275.** *Perigrapha (Opacographa) rorida* (Frivaldsky, 1835)\*
- 276.** *Periphanes (Philareta) treitschkii* (Frivaldszky, 1835)
- 277.** *Plecoptera inquinata* (Lederer, 1857)
- 278.** *Polymixis (Brandticola) dubiosa* (Brandt, 1938)
- 279.** *Polymixis (Parabrachionycha) leuconota* (Frivaldsky, 1841)  
New for Hakkari Province.
- 280.** *Polymixis (s.str.) manisadjiani* (Staudinger, 1881)  
New for Hakkari Province.
- 281.** *Polypogon schwingenschussi* (Wagner, 1937)\*
- 282.** *Pseudenargia deleta* (Osthelder, 1933)
- 283.** *Pseudoips prasinana* (Linnaeus, 1758)  
New for Hakkari Province.
- 284.** *Recophora beata* (Staudinger, 1892)
- 285.** *Rileyiana fovea* (Treitschke, 1825)  
New for Hakkari Province.
- 286.** *Scotochrosta pulla* ([Denis & Schiffermüller], 1775)  
New for Hakkari Province.
- 287.** *Sideridis (Aneda) rivularis* (Fabricius, 1775)\*
- 288.** *Sideridis (Luteohadena) luteago* ([Denis & Schiffermüller], 1775)\*
- 289.** *Spodoptera exiguum* (Hübner, [1808])\*
- 290.** *Standfussiana lucerneana* (Linnaeus, 1758)\*
- 291.** *Thria robusta* Walker, [1858]\*
- 292.** *Trichoplusia ni* (Hübner, [1803])\*
- 293.** *Tyta luctuosa* ([Denis & Schiffermüller], 1775)\*
- 294.** *Valeria oleagina* (Esper, [1786])\*
- 295.** *Victrix (Rasihia) tabora* (Staudinger, 1892) (Figs. 11, 12)  
GP2728♂.
- 296.** *Xestia (s.str.) sareptana* (Herrich-Schäffer, [1851])  
New for Hakkari Province.
- 297.** *Zekelita (Rhynchodontodes) antiqualis* (Hübner, [1809])\*
- 298.** *Zethes brandti* Janzon, 1977\*
- 299.** *Zethes narghisa* Brandt, 1938

### **Notodontidae**

- 300.** *Drymonia ruficornis* (Hufnagel, 1766)\*
- 301.** *Harpyia milhauseri* (Fabricius, 1775)\*
- 302.** *Phalera bucephaloides* (Ochsenheimer, 1810)

303. *Spatalia argentina* ([Denis & Schiffermüller], 1775)\*

### **Oecophoridae**

304. *Anchinia cristalis* (Scopoli, 1763)

Recently, this species was reported by the authors (Kemal & Koçak, 2017) from Van Pr. (Bahçesaray) for the first time, with a description of its new subspecies *mukusensis*. Hakkari population may be considered as ssp. *mukusensis*.

New for Hakkari Province.

305. *Depressaria eryngiella* Millière, 1881\* (Figs. 13, 14)  
GP2730♂. New for Hakkari Province.

306. *Pleurota* (s.str.) sp.\*

### **Pterophoridae**

307. *Capperia hellenica* Adamczewski, 1951 (Figs. 15, 16)  
GP2724♂. New for Hakkari Province.

308. *Emmelina monodactyla* (Linnaeus, 1758)\*

### **Pyralidae**

309. *Acrobasis dulcella* (Zeller, 1848)  
New for Hakkari Province.

310. *Acrobasis tumidana* ([Denis & Schiffermüller], 1775)  
New for Hakkari Province.

311. *Arimania komaroffi* (Ragonot, 1888)  
New for Hakkari Province.

312. *Chrysocrambus linetellus* (Fabricius, 1781)  
New for Hakkari Province.

313. *Cynaeda (Noctuelia) superba* (Freyer, [1844])\*

314. *Cynaeda (Usgentia) vespertalis* (Herrich-Schäffer, [1855])  
New for Hakkari Province.

315. *Cynaeda* (s.str.) *gigantea* (Staudinger, 1879)  
New for Hakkari Province.

316. *Dolicharthria bruguieralis* (Duponchel, 1833)  
New for Hakkari Province.

317. *Dolicharthria intervacatalis* (Christoph, 1877) (Figs. 17-19)  
GP2748♂. New for Hakkari Province.

318. *Ecpyrrhorhoe diffusalis* (Guenée, 1854)\*

319. *Elegia fallax* (Staudinger, 1881)\*

320. *Endotricha flammealis* ([Denis & Schiffermüller], 1775)

321. *Ephelis cruentalis* (Geyer, [1832])

322. *Epischnia christophori* Ragonot, 1887

New for Hakkari Province.

**323.***Euchromius bellus* (Hübner,1796)\*

**324.***Eurhodope (s.str.) monogrammos* (Zeller,1867)  
New for Hakkari Province.

**325.***Euzopherodes lutisignella* (Mann,1869)  
New for Hakkari Province.

**326.***Evergestis extimalis* (Scopoli,1763)  
New for Hakkari Province.

**327.***Evergestis frumentalis* (Linnaeus,1761)  
New for Hakkari Province.

**328.***Evergestis mundalis* (Guenée,1854)  
New for Hakkari Province.

**329.***Glaucocharis euchromiella* (Ragonot,1895)  
New for Hakkari Province.

**330.***Hellula undalis* (Fabricius,1781)  
New for Hakkari Province.

**331.***Hyperlais dulcinalis* (Treitschke,1835)  
New for Hakkari Province.

**332.***Hypsopygia costalis* (Fabricius,1775)

**333.***Isauria dilucidella* (Duponchel,1836)\*

**334.***Keradere lepidella* (Ragonot,1887)\*

**335.***Mecyna subsequalis* (Herrich-Schäffer,1855)

**336.***Metasia virginalis* Ragonot,1894  
New for Hakkari Province.

**337.***Myelois (Gnathogutta) ossicolor* Ragonot,1893 (Figs. 20-22)  
GP2731♂. New for Hakkari Province.

**338.***Nomophila noctuella* ([Denis & Schiffermüller],1775)\*

**339.***Oncocera semirubella* (Scopoli,1763)  
New for Hakkari Province.

**340.***Patania ruralis* (Scopoli,1763)  
New for Hakkari Province.

**341.***Phlyctaenomorpha sinuosalis* (Le Cerf,[1910])

**342.***Plodia interpunctella* (Hübner,[1813])  
New for Hakkari Province.

**343.***Psammotis pulveralis* (Hübner,1796)  
New for Hakkari Province.

**344.***Pyralis kacheticalis* (Christoph,1893)  
New for Hakkari Province.

**345.***Pyrasia gutturalis* (Staudinger,1879)\*

**346.***Pyrausta aurata* (Scopoli,1763)\*

**347.***Pyrausta castalis* Treitschke,1829

348. *Pyrausta despicata* (Scopoli, 1763)\*  
 349. *Pyrausta pavidalis* Zerny, 1935  
 New for Hakkari Province.
350. *Sitochroa palealis* ([Denis & Schiffermüller], 1775)  
 351. *Sitochroa straminealis* (Hampson, 1900)  
 New for Hakkari Province.
352. *Stemmatophora syriacalis* (Ragonot, 1895)  
 New for Hakkari Province.
353. *Synaphe consecratalis* (Lederer, 1855)  
 New for Hakkari Province.
354. *Teliphasa (Sultania) lophotalis* (Hampson, 1900)  
 355. *Tretopteryx pertusalis* (Geyer, [1832])  
 New for Hakkari Province.
356. *Udea ferrugalis* (Hübner, 1796)\*  
 357. *Udea praepetalis* (Lederer, 1869)

### ***Saturniidae***

358. *Saturnia (Perisomena) caecigena* Kupido, 1825  
 New for Hakkari Province.

### ***Scythridae***

359. *Scythris (scopolella-gr.) apicalis* (Zeller, 1847)

### ***Sesiidae***

360. *Microsphecia tineiformis* (Esper, [1789])  
 New for Hakkari Province.

### ***Sphingidae***

361. *Akbesia davidi* (Oberthür, 1884)  
 362. *Dolbina elegans* A. Bang-Haas, [1913]  
 New for Hakkari Province.
363. *Hemaris (s.str.) syra* (Daniel, 1939)  
 364. *Hyles euphorbiae* (Linnaeus, 1758)  
 365. *Hyles livornica* (Esper, [1780])\*  
 366. *Laothoe populeti* (Bienert, [1870])\*  
 367. *Macroglossum stellatarum* (Linnaeus, 1758)  
 368. *Marumba quercus* ([Denis & Schiffermüller], 1775)\*  
 369. *Rethera komarovi* (Christoph, 1885)  
 370. *Sphingonaepiopsis gorgoniades* (Hübner, [1819])  
 New for Hakkari Province.

**Thaumetopoeidae**

371. *Thaumetopoea (s.str.) solitaria* (Freyer,[1838])  
New for Hakkari Province.

**Thyatiridae**

372. *Asphalia ruficollis* (Fabricius,1787)\*  
373. *Polyploca korbi* Rebel,1901\*

**Tineidae**

374. *Hapsifera luridella* Zeller,1847  
New for Hakkari Province.

**Tortricidae**

375. *Aleimma loeflingianum* (Linnaeus,1758)  
New for Hakkari Province.
376. *Aphelia (Zelothereses) ferugana* (Hübner,1793)\*  
377. *Cochylis pallidana* Zeller,1847  
New for Hakkari Province.
378. *Crociosema plebejana* Zeller,1847\*  
379. *Cydia pomonella* (Linnaeus,1758)  
New for Hakkari Province.
380. *Epinotia festivana* (Hübner,[1799])  
New for Hakkari Province.
381. *Hedya dimidioalba* (Retzius,1783)  
New for Hakkari Province.
382. *Lobesia (s.str.) vitisana* (Jacquin,1788)  
New for Hakkari Province.
383. *Notocelia uddmanniana* (Linnaeus,1758)  
New for Hakkari Province.
384. *Pelochrista modicana* (Zeller,1847)  
New for Hakkari Province.
385. *Phtheochroa* sp.\* This taxon will be separately published.  
386. *Pseudeulia asinana* (Hübner,[1799])\*  
387. *Tortrix viridana* (Linnaeus,1758)\*

**Yponomeutidae**

388. *Plutella (s.str.) xylostella* (Linnaeus,1758)\*



**Zygaenidae**

389. *Adscita* (s.str.) *obscura* (Zeller, 1847)\*  
390. *Zygaena* (*Mesembrynus*) *tamara* Christoph, 1889

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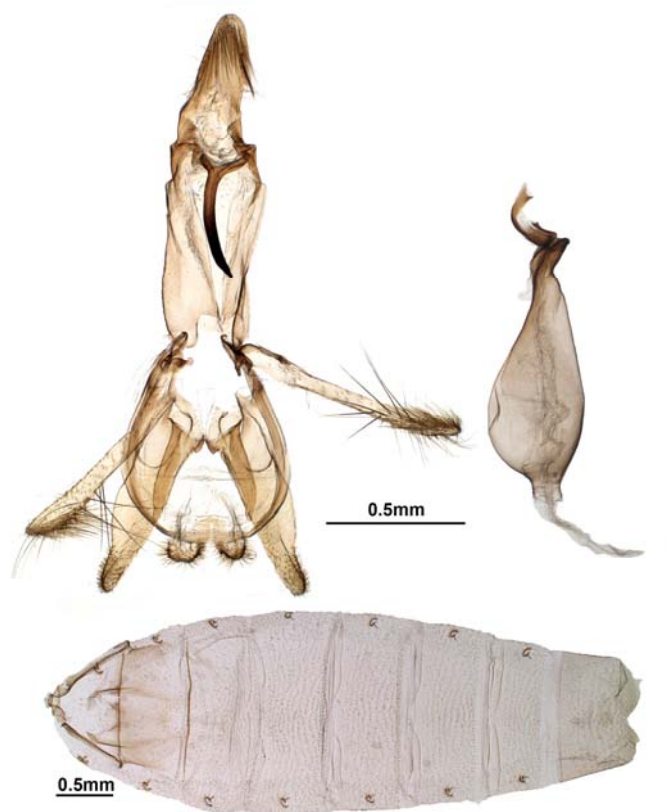
## Images of the genitalia



**Fig. 1** - *Pyrgus armoricanus*. Male genitalia, GP2740. Hakkari Pr. Dağlıca 1530m, 23 5 2017. M. Kemal (Cesa)



**Figs. 2, 3** - *Harpagidia magnetella*. Male genitalia and abdominal skin, GP2770. Hakkari Pr. Dağlıca. M. Kemal (Cesa)

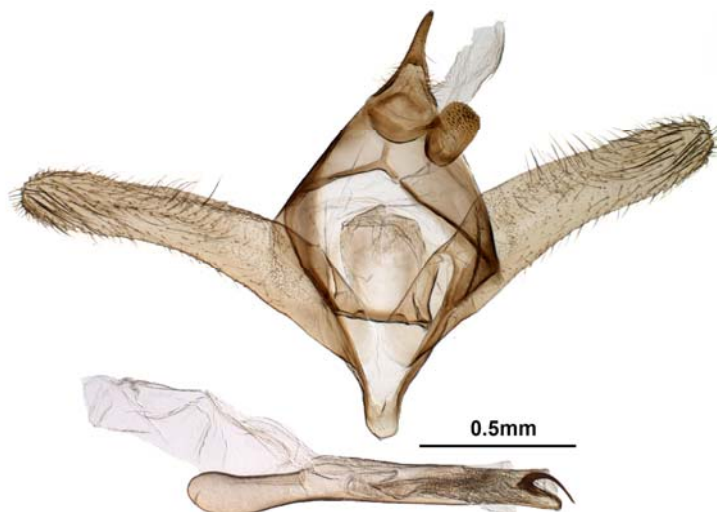


**Figs. 4, 5** - *Neofaculta confidella*. Male genitalia and abdominal skin, GP2710. Hakkari Province, Dağlıca. M. Kemal (Cesa)

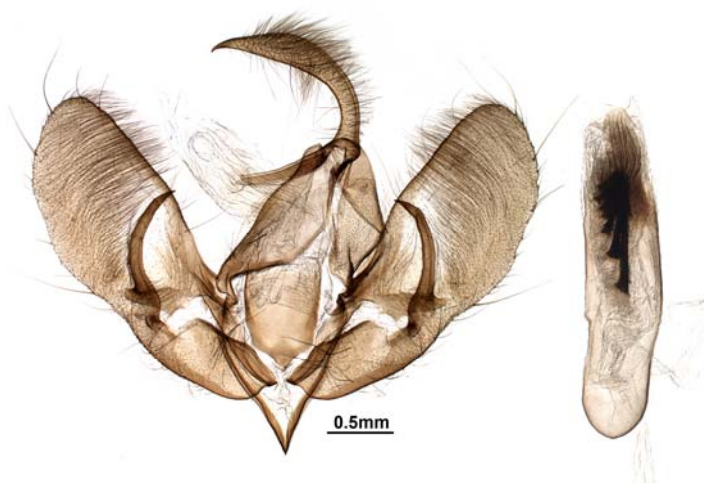


**Figs. 6, 7** – *Pexicopia malvella*. Male genitalia and abdominal skin. GP2729. Hakkari Pr. Dağlıca. M. Kemal (Cesa)





**Fig. 8** – *Idaea subsericeata*. Male genitalia, GP2711. Hakkari Province, Dağlica. M. Kemal (Cesa)



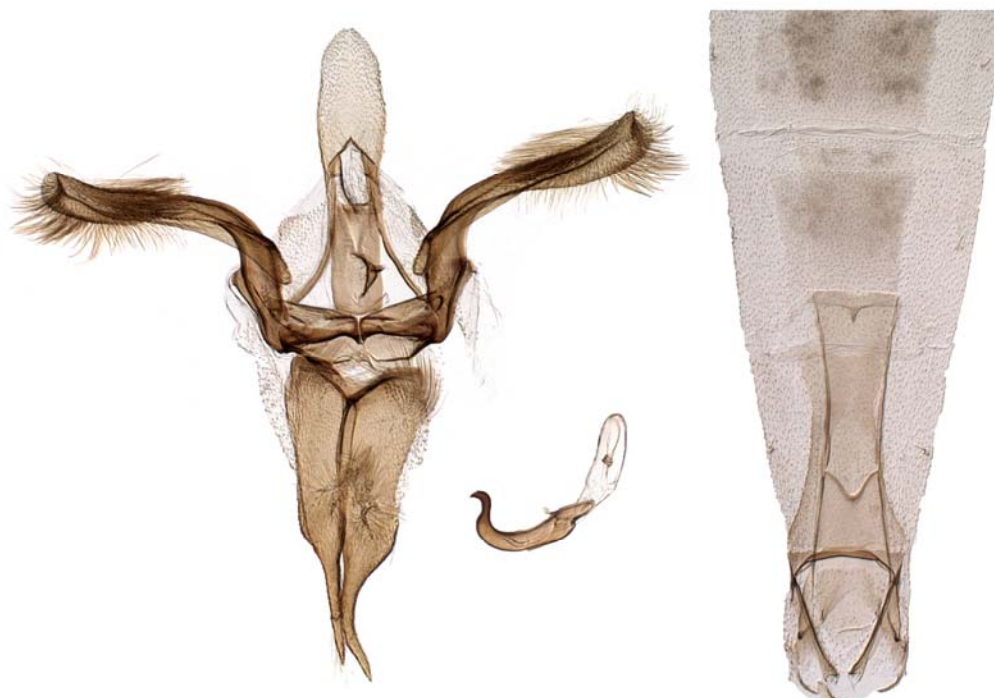
**Figs. 9, 10** – *Acronicta aceris*. Upperside of male, and its genitalia, GP2706. Hakkari Province, Dağlica 1520m, 24 6 2017. M. Kemal (Cesa)



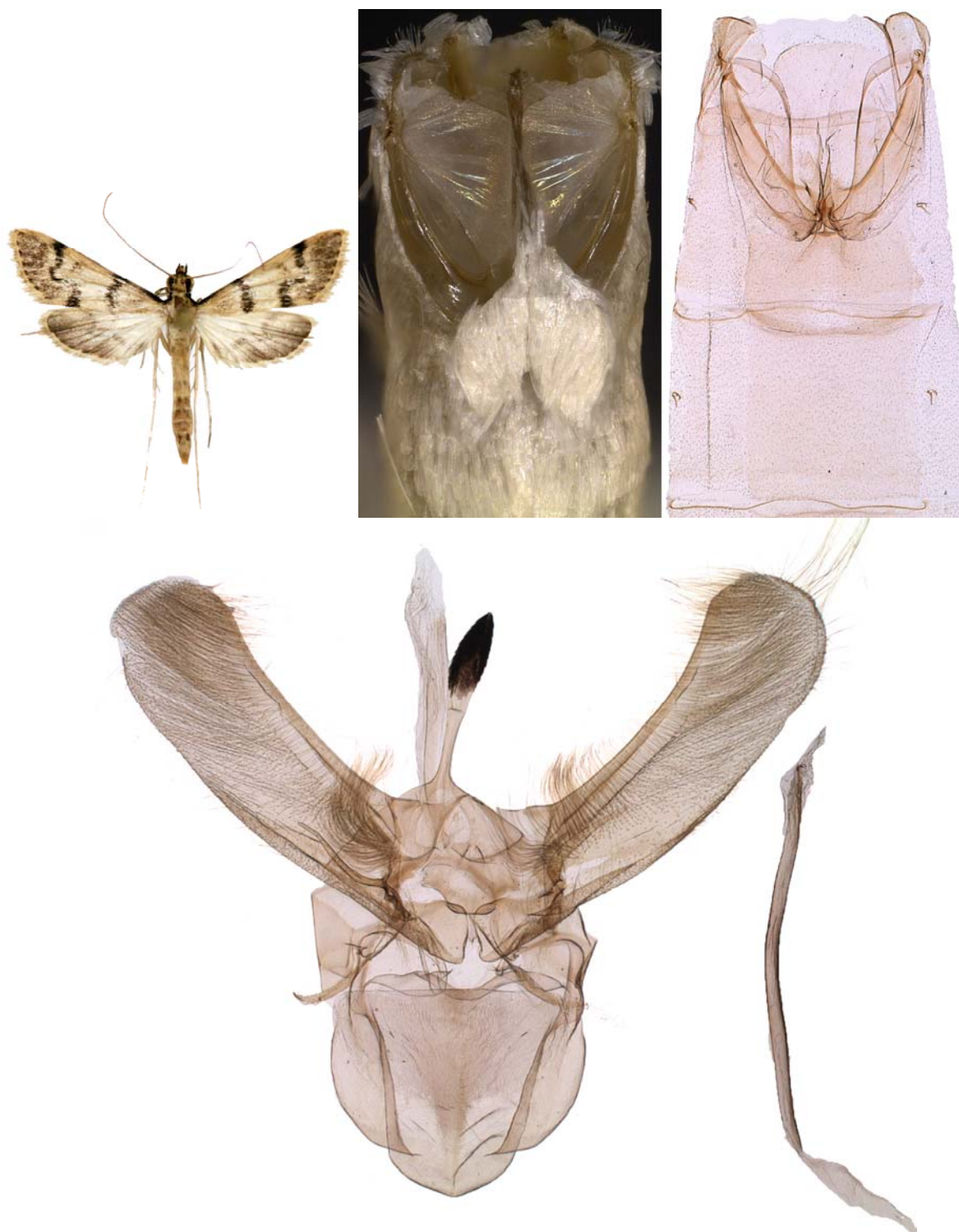
**Figs. 11, 12** – *Victrix (Rasihia) tabora*. Upperside of male, and its genitalia with terminal part of abdomen. GP2728. Hakkari Province, Dağlica. M. Kemal (Cesa)



**Figs. 13, 14** - *Depressaria eryngiella*. Male genitalia and abdominal skin, GP2730. Hakkari Province, Dağlıca 2085m, 22 6 2017. M.Kemal (Cesa)

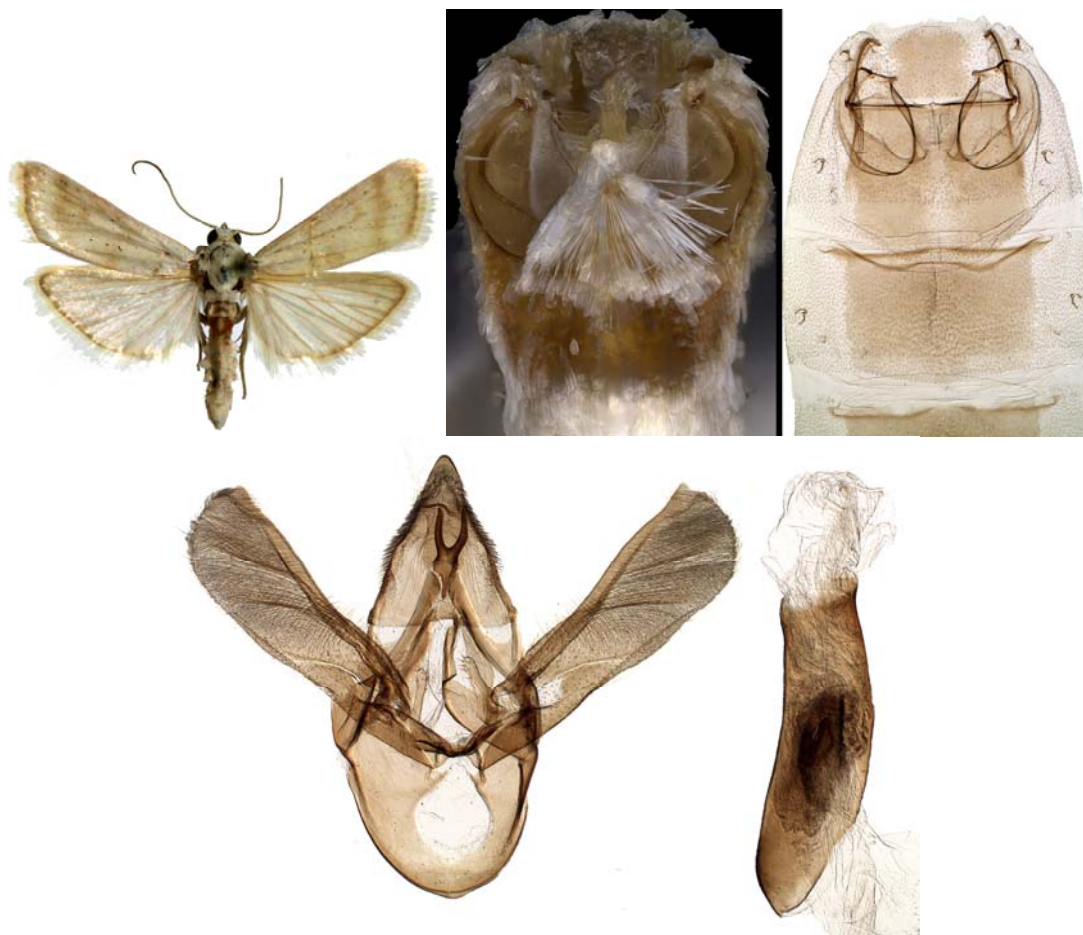


**Figs. 15, 16** - *Capperia hellenica*. Male genitalia and terminal part of abdomen, GP2724. Hakkari Province, Dağlıca. M.Kemal (Cesa)

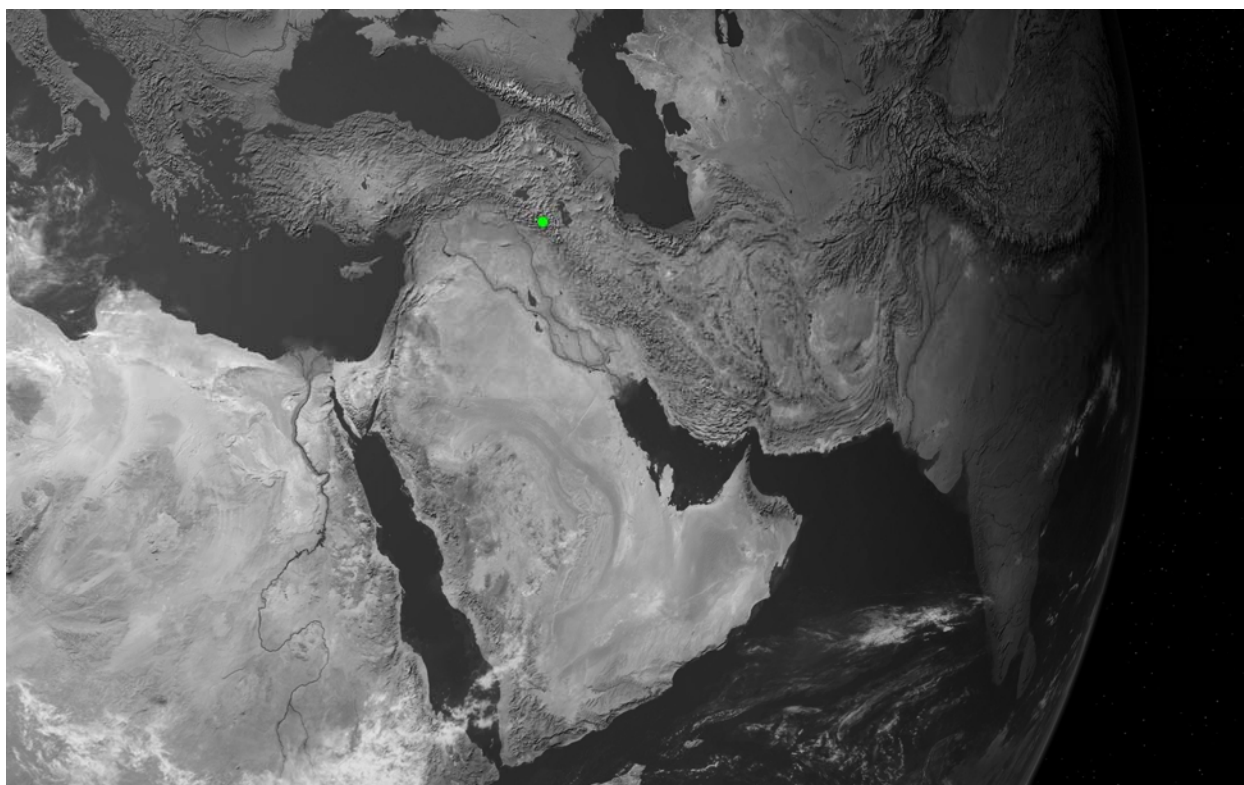


**Figs. 17-19** - *Dolicharthria intervacatalis*. Upperside of male (top left), tympanal organ (before & after preparation) (top right), male genitalia, GP2748. Hakkari Pr. Dağlıca, 23 9 2017. M. Kemal (Cesa)





**Figs. 20-22** - *Myelois ossicolor*. Upperside of male (top left), tympanal organ (before & after preparation) (top right), male genitalia GP2731. Hakkari Pr., Dağlıca. M. Kemal (Cesa)



**Map 1** – Location of Dağlıca (Hakkari Prov., SE Turkey) on the physical map of Middle East.

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